



BROCHURE # 54

RESIDENTIAL

WAGON WHEEL DRIVEWAY

What is a wagon wheel driveway?

A wagon wheel driveway is a form of driveway that minimizes impervious areas created by limiting the placement of impervious surfaces to the wheel travel path of the vehicles that will be utilizing the driveway. Unlike a regular full width impervious driveway, two ribbons (strips) of impervious surface are provided as a travel path.

What is the benefit of a wagon wheel driveway?

Wagon wheel driveways are advantageous in that they reduce the amount of impervious area generated by a project, and can at times keep a project under impervious area thresholds that would require stormwater mitigation. Read the following example:

A proposed single family residence requires a 200 foot long driveway:

- If a driveway with a width of 10 feet is provided, 'the new impervious area is 2,000 square feet (200' x 10' = 2,000sqft).
- If a wagon wheel driveway is utilized, new impervious area is 800 square (200' x (2) x 2' strips = 800 sqft).

Use of the wagon wheel driveway creates 1,200 square feet less impervious area.

Does a wagon wheel driveway have to be paved?

No it does not. The surfacing course for the ribbon strips is the choice of the owner and may be

crushed rock, concrete, asphalt, or may be constructed with pervious pavers.

What type of size and spacing is required for the ribbon strips?

While Kitsap County does not mandate the design, we recommend using ribbon strips that are a minimum of 2' wide. The spacing between the ribbon strips should be 5' from centerline to centerline of the ribbon strips, or about 3' of pervious surface between the driving strips.

If I use a wagon wheel driveway am I still required to provide a parking pad in front of my garage?

Yes. DCD requires a parking pad a minimum of 20' deep and the full width of garage door opening(s) in front of a garage. This is to provide a safe/stable location for vehicles to turn around on without driving off the ribbon strips.

Are there special requirements with a wagon wheel driveway?

A wagon wheel driveway requires an extra inspection to verify that the driveway was installed per plan. In addition, a condition is added to the permit for the applicant to initial and acknowledge that their project has special requirements regarding the driveway design.

What does a wagon wheel driveway look like?

We have attached a detail below that shows what a wagon wheel driveway looks like when constructed.



